

Amendments to the Claims

LISTING OF CLAIMS:

1-44. (Cancelled)

45. (Currently Amended) A method of seeking to a location within a file having a beginning and an end, the method comprising:

storing at least a portion of the file on a remote computing device;

receiving by the remote computing device, from a client electronic device, a signal indicating a seek request from a user of the client electronic device, while a portion of the file is being sent from the remote computing device to the client electronic device, the seek request ~~to seeking~~ to a location within the file, the seek request including data indicative of the location sought, and the location being not limited to the beginning of the file;

determining by the remote computing device, the location within the file based upon the seek request; and

transmitting by the remote computing device, to the client electronic device, the file, starting from the location.

46. (Currently Amended) The method of claim 45, wherein the seek request ~~data~~ further comprises data indicating a length of rendering time.

47. (Previously presented) The method of claim 46, wherein the length of rendering time is shorter than a length of rendering time of an entire buffer of a portion of the file at the client electronic device.

48. (Previously presented) The method of claim 46, wherein the length of rendering time is longer than a length of rendering time of an entire buffer of a portion of the file at the server.

49. (Currently Amended) The method of claim 45 further comprising clearing by the remote computing device, at least one buffer, after said receiving of the seek request and completion of sending of a current block of the file.

50. (Currently Amended) The method of claim 45 further comprising re-filling by the remote computing device, at least one buffer, with at least a portion of the, file as a result of said receiving of the seek request, after completion of sending of a current block of the file.

51. (Previously Presented) The method of claim 45, wherein the file includes audio data to be streamed to the user.

52. (Currently Amended) A method comprising:

transmitting a first portion of a file having a beginning and an end to a user electronic device having a buffer operative to successively store portions of the file;

receiving a seek request from the user electronic device while said transmitting is in progress, wherein the seek request comprises data indicating ~~a length of rendering time and wherein the length of rendering time exceeds a length of rendering time of an entire buffer of a portion~~ a location of the file, not limited to the beginning of the file;

determining a location within the file based upon the seek request, ~~wherein the location is not limited to the beginning of the file;~~ and

transmitting to the user electronic device, a second portion of the file, starting from the location.

53. (Currently Amended) The method of claim 52, further comprising re-filling at least one buffer with at least a portion of the file as a result of the seek request, after completion of transmission of a current block of the file.

54. (Previously Presented) The method of claim 52, wherein the file includes audio data.

55. (Current Amended) A server to facilitate seeking of a particular location within a file having a beginning and an end, the server comprising:

a memory for storing the file;

a transmitter for transmitting portions of the file;

a receiver to receive a signal indicating a seek request while transmitting portions of the file, the seek request having data indicative of a location within the file, not limited to the beginning of the file; and

a processor coupled to the memory, the transmitter and the receiver to determine the location within the file based upon the seek request, ~~wherein the location is not limited to the beginning of the file;~~ and to control the transmitter to continue transmission from the determined location.

~~a memory for storing the file; and~~

~~a transmitter for transmitting the file starting from the location.~~

56. (Previously Presented) The server of claim 55, wherein the file includes audio data.

57. (Currently Amended) The server of claim 55, wherein the seek request further comprises data indicating a length of rendering time.

58. (Currently Amended) The server of claim 55 further comprising a message queue wherein the message queue is cleared after the server receives the seek request and completion of transmitting of a current block of the file.

59. (Currently Amended) The server of claim 55 further comprising a buffer wherein the buffer is re-filled in response to the determination of the location within the file and after completing transmitting of a current block of the file.

60. (Previously Presented) The server of claim 59, wherein the seek request comprises data indicating a length of rendering time , and wherein the length of rendering time exceeds a length of rendering time of a current portion of the file stored in the buffer.

61. (Cancelled without prejudice)

62. (Previously Presented) The server of claim 55, wherein the file is transmitted using TCP/IP.

63.-66. (Cancelled without prejudice)

67. (Current Amended) A computer readable medium comprising instructions, which when executed on a server, perform a method on the server, the method comprising:
transmitting from the server, a first portion of a file to a client electronic device, the file having a beginning and an end;

receiving a seek request from the client electronic device during said transmitting, wherein the seek request comprises data indicating ~~a length of rendering time, and wherein the length of rendering time exceeds a length of rendering time of a current portion of the file stored in a buffer of the client electronic device~~ a location within the file, not limited to the beginning of the file;

determining at the server, ~~the~~ a location within the file, based upon the seek request, ~~wherein the indicated location is not limited to the beginning of the file;~~ and

transmitting from the server, to the client electronic device, a second portion of the file, starting from the indicated location.

68. (Currently Amended) The computer readable medium ~~server~~ of claim ~~67~~ 43, wherein ~~the file includes audio data~~ the transmitting of the second portion starts after completion of transmission of a current block of the file.

69. (Currently Amended) A method of seeking to a location within a file, the file having a beginning and an end, the method comprising:

receiving by a client electronic device, from a remote computing device, portions of the file;

_____generating on thea client electronic device, a seek request to seek to a location within the file, not limited to the beginning of the file, the seek request including data indicative of the location;

transmitting to thea remote computing device, a signal indicating the seek request, while said receiving is in progress~~including the location indicating data~~; and receiving from the remote computing device, the file, starting from the location.

70. (Current Amended) The method of claim 69, wherein the seek request further comprises data indicating a length of rendering time.

71. (Previously Presented) The method of claim 69, wherein the file includes audio data.

72. (Previously Presented) The method of claim 46, wherein the data comprises an offset amount to further advance into the file or to retreat.

73. (Previously Presented) The server of claim 55, wherein the data comprises an offset amount to further advance into the file or to retreat.

74. (New) A client device comprising:

a receiver configured to receive from a remote computing device, portions of a file;

a transmitter; and

a processor coupled to the receiver and transmitter to generate a seek request to seek to a location within the file, not limited to the beginning of the file, and to control the transmitter to transmit to the remote computing device, a signal indicating the seek request, while said receiving is still in progress, to cause the receiver to continue to receive from the remote computing device, the file, from the location, the seek request including the location within the file sought.

75. (New) The client device of claim 74, wherein the seek request further includes data indicating a length of rendering time.